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Verschueren et al.

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(54)	METHOD OF LITHOGRAPHIC PRINTING
	FROM A REUSABLE ALUMINUM SUPPORT

(75) Inventors: Eric Verschueren, Merksplas (BE); Joan Vermeersch, Deinze (BE)

> Correspondence Address: LEYDIG VOIT & MAYER, LTD TWO PRUDENTIAL PLAZA, SUITE 4900 180 NORTH STETSON AVENUE CHICAGO, IL 60601-6780 (US)

(73) Assignee: AGFA-GEVAERP, Mortsel (BE)

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(57)**ABSTRACT**

A printing method is disclosed wherein a grained and anodized aluminum support is coated with an image recording layer comprising hydrophobic thermoplastic polymer particles. The heat-sensitive imaging material thus obtained is then image-wise exposed and processed, thereby obtaining a material having a lithographic image which consists of hydrophobic printing areas on a hydrophilic support and which is used as a printing master in a printing press. After the press run, the lithographic support is recycled by removing the hydrophobic printing areas from the hydrophilic surface of the aluminum support. The recycled support is then reused in a next cycle of coating, exposing, processing and printing. By using a grained and anodized aluminum support having a hydrophilic surface with a surface roughness, expressed as arithmetical mean center-line roughness Ra, which is less than 0.45 μ m, the run length of the printing master is improved.

Princ. D8 Barnett 5308746 2/3-12 alcohol Shinichi 61-219044 walls 4880555 Ab 3/10-30

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